

Converting Colors

$Y_{xy}(25.6281, 0.4699, 0.4498)$

Have a look what the booklet for
Yxy(25.6281, 0.4699, 0.4498)
contains.

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Color

Yxy(25.6281, 0.4699, 0.4498)

Conversions

Conversions Part 1

Format	Color
Hex	B3821B
RGB	179, 130, 27
RGB Percent	70%, 51%, 11%
CMY	0.2980, 0.4902, 0.8939
CMYK	0.00, 0.27, 0.85, 0.30
HSL	41°, 74%, 40%
HSV	41°, 85%, 70%
XYZ	26.7733, 25.6281, 4.5752
YIQ	132.9090, 62.2670, -21.6450

Conversions

Conversions Part 2

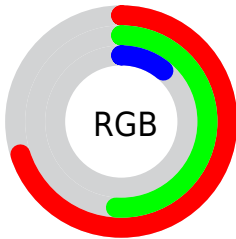
Format	Color
R_{YB}	99, 179, 27
Decimal	11764251
CIE _{Lab}	57.68, 10.17, 57.51
CIE _{LCh}	58, 58.399, 79.976
Yxy	25.6281, 0.4699, 0.4498
Android (android.graphics.Color)	4289954331 (0xFFB3821B)
YUV	132.9090, -52.2131, 40.4218
Hunter-Lab	50.6242, 5.8099, 30.0785

Details

The Yxy color **25.6281, 0.4699, 0.4498** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.6662, 0.1758, 0.1363**, and the grayscale version is **23.6001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8269, 0.4423, 0.4323**, and **9.9498, 0.4893, 0.4497** is the 20% darker color. If you saturate the color by 10%, you get **24.0769, 0.4837, 0.4500**, and if you desaturate by 10%, it is **27.3185, 0.4531, 0.4446**.

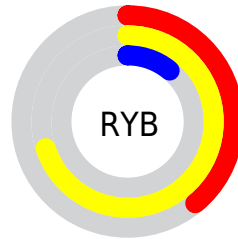
Distribution



Red (70%)

Green (51%)

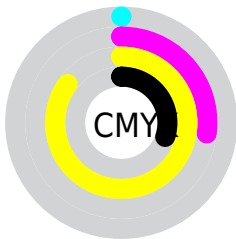
Blue (11%)



Red (39%)

Yellow (70%)

Blue (11%)

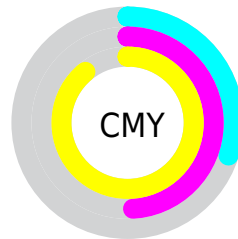


Cyan (0%)

Magenta (27%)

Yellow (85%)

Black (30%)



Cyan (30%)

Magenta (49%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6281, 0.4699, 0.4498 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.6281, 0.4699, 0.4498 by changing the saturation by 10% instead.


 25.6281, 0.4699,
0.4498


 25.6281, 0.4699,
0.4498


280.9516, 0.3903,
0.3934


 16.5456, 0.4868,
0.4592


 52.6744, 0.4424,
0.4320


 9.9111, 0.5067,
0.4686

 71.4070, 0.4315,
0.4243

 5.3400, 0.5267,
0.4733

 94.1250, 0.4221,
0.4175

 2.4481, 0.5380,
0.4620

 121.2130, 0.4139,
0.4115

 0.8505, 0.5584,
0.4416

 153.0552, 0.4069,
0.4062

 0.0000, 1.0000,
0.0000

 190.0362, 0.4007,

 0.0000, 0.0000,

0.4014

0.0000

232.5402, 0.3952,
0.3972

25.6281, 0.4699,
0.4498

25.6281, 0.4699,
0.4498

24.0769, 0.4837,
0.4500

27.3185, 0.4531,
0.4446

23.3267, 0.4902,
0.4490

29.1535, 0.4341,
0.4350

31.1425, 0.4138,
0.4218

33.2924, 0.3932,
0.4061

35.6096, 0.3731,
0.3891

■ 38.0999, 0.3541,
0.3714

■ 40.7689, 0.3363,
0.3539

■ 43.6216, 0.3201,
0.3370

■ 46.6630, 0.3054,
0.3209

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.6281, 0.5063, 0.3809



25.6281, 0.4699, 0.4498



25.6281, 0.3948, 0.5046

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.6281, 0.4699, 0.4498



25.6281, 0.1668, 0.3101



25.6281, 0.2953, 0.2092

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.6281, 0.4699, 0.4498



8.6662, 0.1758, 0.1363

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.6281, 0.2137, 0.1873



25.6281, 0.4699, 0.4498



25.6281, 0.1500, 0.2303

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.6281, 0.4699, 0.4498



25.6281, 0.2203, 0.4220



25.6281, 0.1658, 0.1923



25.6281, 0.3977, 0.2540

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.6281, 0.4699, 0.4498



25.6281, 0.3347, 0.5134



25.6281, 0.1658, 0.1923



25.6281, 0.2646, 0.1992

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.6294, 0.4699, 0.4498



67.9810, 0.3550, 0.3724



10.9170, 0.5158, 0.2767



14.7114, 0.3616, 0.3785



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6294, 0.4699, 0.4498



41.3482, 0.4916, 0.4479



39.1632, 0.3904, 0.5167



9.4353, 0.3271, 0.3444



16.6032, 0.4891, 0.4498



0.6226, 0.4653, 0.4687

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8.6662, 0.1758, 0.1363



10.8399, 0.1619, 0.1028



4.7813, 0.1724, 0.0827



8.6628, 0.2985, 0.3131



4.5257, 0.1633, 0.1077



0.2509, 0.1797, 0.1669

Previews

White Background



This preview shows how the Yxy color 25.6281, 0.4699, 0.4498 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 25.6281, 0.4699, 0.4498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6281, 0.4699, 0.4498

Background



This preview shows how black text looks on a background with the Yxy color 25.6281, 0.4699, 0.4498.



This preview shows how white text looks on a background with the Yxy color 25.6281, 0.4699, 0.4498.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.6281, 0.4699, 0.4498

Protanopia

25.6219, 0.4316, 0.4774

Deuteranopia

25.6911, 0.4633, 0.4558



Tritanopia

25.6007, 0.3816, 0.3164

Trichromacy



Original Color

25.6281, 0.4699, 0.4498

Protanomaly

25.5847, 0.4450, 0.4680

Deuteranomaly

25.5373, 0.4657, 0.4538

Tritanomaly

25.2729, 0.4241, 0.3733

Monochromacy



Original Color

25.6281, 0.4699, 0.4498

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.7947, 0.3769, 0.3925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6281, 0.4699, 0.4498 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 130, 27)` looks like.

```
.text, #text, p{  
    color:rgb(179, 130, 27)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 130, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 130, 27) }
```

Border

The CSS property to change the border of an element to Yxy 25.6281, 0.4699, 0.4498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 130, 27) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(179, 130, 27) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(179, 130, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 130, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 130, 27);  
box-shadow:4px 4px 4px 4px rgb(179, 130,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6281, 0.4699, 0.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 130, 27) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
130, 27) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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